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(continued on next page)

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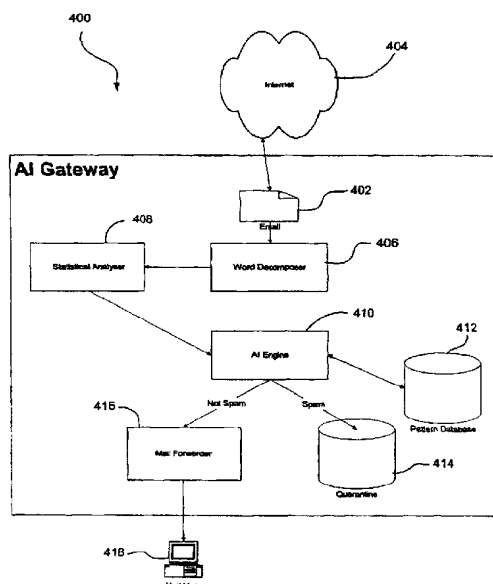
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**US 6092101 A US 6047277 A**  
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(54) Abstract Title: **Intelligent spam detection system using an updateable neural analysis engine**

(57) A system, method, and computer program product are provided for detecting an unwanted message. First, an electronic mail message (402) is received. Text in the electronic mail message is decomposed (406). Statistics associated with the text are gathered using a statistical analyzer (408). A neural network engine (410) coupled to the statistical analyzer is taught to recognize unwanted messages based on statistical indicators. The statistical indicators are analyzed utilizing the neural network engine for determining whether the electronic mail message is an unwanted message.



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